

**ATTACHMENT B**

**MARKED UP VERSION OF CLAIMS**

1. A method for ~~detecting oxidized LDL for~~ arteriosclerosis diagnosis characterized in that **comprising the steps:**

**drawing blood from a human vein or artery, not  
an affected part;**

**measuring quantitatively, by** an immunological  
detecting method is used in which, a measuring  
subject is **concentration of** a complex **present in**  
**the drawn** blood taken from a human body of  
oxidized lower density lipoprotein (**comprising**  
oxidized LDL) and one substance selected from **the**  
**group consisting of** an acute phase reactant, blood  
coagulation-fibrinolytic related protein and a  
disinfectant substance produced by macrophages;  
**and**

2. ~~The method for detecting oxidized LDL for~~

**diagnosing the onset of** arteriosclerosis diagnosis  
according to Claim 1, characterized in that **based**  
**on the measured concentration of the complex.**

**2. an** **The method as recited in claim 1, wherein the** acute  
phase reactant is selected from **the group consisting of**  $\alpha$ 1-antitrypsin,  
fibrinogen, fibronectin, lipoprotein (a), C-reactive protein (CRP), Serum

amyloid A (SAA), Serum amyloid P component (SAP),  $\alpha$ 2-macroglobulin,  $\alpha$ 1-antichymotrypsin,  $\alpha$ 1-acidglycoprotein and a complement component.

~~3. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 1, characterized in that:~~

**3. The method as recited in claim 1, wherein the** blood coagulation-fibrinolytic related protein is selected from **the group consisting of** a tissue factor, plasminogen, prothrombin, thrombin, antithrombin 3 and a plasmin activator inhibitor 1.

~~4. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 1, characterized in that:~~

**4. aThe method as recited in claim 1, wherein the** disinfectant substance produced by macrophages is selected from **the group consisting of** myeloperoxidase, lactoferrin, lysozyme and basic protein.

~~5. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 1, characterized in that:~~

**5. anThe method as recited in claim 1, wherein the** immunological detecting method is selected from **the group consisting of** an enzyme immunoassay, a latex flocculation method, an immunological emission spectrochemical analysis and an immunochromato method.

~~6. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 2, characterized in that:~~

**6. saidThe method as recited in claim 2, wherein the** immunological detecting method is selected from an enzyme immunoassay, a latex flocculation method, an immunological emission spectrochemical analysis and an immunochromato method.

~~7. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 3, characterized in that:~~

~~7. said~~The method as recited in claim 3, wherein the immunological detecting method is selected from an enzyme immunoassay, a latex flocculation method, an immunological emission spectrochemical analysis and an immunochromato method.

~~8. The method for detecting oxidized LDL for arteriosclerosis diagnosis according to Claim 4, characterized in that:~~

~~8. said~~The method as recited in claim 4, wherein the immunological detecting method is selected from an enzyme immunoassay, a latex flocculation method, an immunological emission spectrochemical analysis and an immunochromato method.